

| Ref # | Hits | Search Query   | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-----------------|------------------|---------|------------------|
| L1    | 13   | ((clad\$6 with substrate) and chemical adj1 mechanical adj1 polish\$6).clm.  | US-PGPUB        | OR               | ON      | 2005/11/21 13:12 |
| L3    | 1    | "6864114".pn.  | US-PGPUB; USPAT | OR               | ON      | 2005/11/21 13:40 |
| L4    | 2982 | 385/129-132.ccls.  | US-PGPUB; USPAT | OR               | ON      | 2005/11/21 13:41 |
| L5    | 2619 | 385/14.ccls.   | US-PGPUB; USPAT | OR               | ON      | 2005/11/21 13:41 |
| L6    | 403  | 438/31.ccls.   | US-PGPUB; USPAT | OR               | ON      | 2005/11/21 13:42 |
| L7    | 723  | 216/24.ccls.   | US-PGPUB; USPAT | OR               | ON      | 2005/11/21 13:42 |
| S1    | 4965 | quartz with SiO\$6   | US-PGPUB; USPAT | OR               | ON      | 2005/02/17 22:36 |
| S2    | 244  | S1 and "385"/\$.ccls.  | US-PGPUB; USPAT | OR               | ON      | 2005/02/17 15:57 |
| S3    | 111  | (upper adj1 clad\$6) with (lower\$6 adj1 clad\$6) with ("same" or similar\$6) with material  | US-PGPUB; USPAT | OR               | ON      | 2005/02/17 17:26 |
| S4    | 27   | (upper adj1 clad\$6) with (lower\$6 adj1 clad\$6) with differ\$6 near2 material\$6   | US-PGPUB; USPAT | OR               | ON      | 2005/02/17 17:40 |
| S5    | 15   | (reflow\$6 or "re-flow"\$6) and (CVD) and (waveguid\$6 or (wave adj1 guid\$6)) and (385/130.ccls. or 385/132.ccls. or 385/131.ccls. or 385/129.ccls.) and dop\$6 | US-PGPUB; USPAT | OR               | ON      | 2005/02/17 17:44 |
| S6    | 1    | "20020136518" and material\$6  | US-PGPUB; USPAT | OR               | ON      | 2005/05/27 18:34 |
| S7    | 1    | "20020136518" and similar\$6   | US-PGPUB; USPAT | OR               | ON      | 2005/02/18 11:46 |
| S9    | 0    | "6864114".pn.  | US-PGPUB; USPAT | OR               | ON      | 2005/02/18 11:47 |
| S10   | 1260 | dry with etch\$6 with chemical with polish\$6  | US-PGPUB; USPAT | OR               | ON      | 2005/05/05 08:14 |
| S11   | 1043 | dry adj1 etch\$6 with chemical near2 polish\$6   | US-PGPUB; USPAT | OR               | ON      | 2005/05/27 19:25 |
| S12   | 1035 | dry adj1 etch\$6 with chemical with mechanical with polish\$6  | US-PGPUB; USPAT | OR               | ON      | 2005/05/05 08:15 |
| S13   | 990  | dry adj1 etch\$6 with chemical adj1 mechanical adj1 polish\$6  | US-PGPUB; USPAT | OR               | ON      | 2005/05/05 08:16 |
| S14   | 18   | dry adj1 etch\$6 with chemical adj1 mechanical adj1 polish\$6 and "385"/\$.ccls.   | US-PGPUB; USPAT | OR               | ON      | 2005/05/05 08:16 |

|     |      |  |                 |    |    |                  |
|-----|------|--|-----------------|----|----|------------------|
| S15 | 0    | "20020136518" and (chemic\$6 with etch\$6)   | US-PGPUB; USPAT | OR | ON | 2005/05/27 18:34 |
| S16 | 0    | "20020136518" and (chemical\$6 with etch\$6)   | US-PGPUB; USPAT | OR | ON | 2005/05/27 18:34 |
| S17 | 1    | "20020136518"  | US-PGPUB; USPAT | OR | ON | 2005/11/21 13:35 |
| S18 | 1    | "20020136518" and (chemical\$6 same etch\$6)   | US-PGPUB; USPAT | OR | ON | 2005/05/27 18:36 |
| S19 | 1    | "20020136518" and (chemical\$6 same polish\$6)   | US-PGPUB; USPAT | OR | ON | 2005/05/27 18:57 |
| S20 | 1    | "20020136518" and flush\$6   | US-PGPUB; USPAT | OR | ON | 2005/05/27 18:58 |
| S21 | 190  | etch\$6 and substrate and hori.in.   | US-PGPUB; USPAT | OR | ON | 2005/05/27 19:26 |
| S22 | 0    | etch\$6 and substrate and hori.in. and shinobu.in.                                     | US-PGPUB; USPAT | OR | ON | 2005/05/27 19:26 |
| S23 | 1    | etch\$6 and substrate and hori.in. and Akihiro   | US-PGPUB; USPAT | OR | ON | 2005/05/27 19:27 |
| S24 | 80   | etch\$6 and substrate and shinobu.in.  | US-PGPUB; USPAT | OR | ON | 2005/05/27 19:28 |
| S25 | 1960 | etch\$6 and substrate and sato.in.   | US-PGPUB; USPAT | OR | ON | 2005/05/27 19:28 |
| S26 | 0    | etch\$6 and substrate and sato.in. with shinobu  | US-PGPUB; USPAT | OR | ON | 2005/05/27 19:28 |
| S27 | 3    | etch\$6 and substrate and sato.in. and shinobu   | US-PGPUB; USPAT | OR | ON | 2005/05/27 19:29 |
| S28 | 1    | "6864114".pn.  | US-PGPUB; USPAT | OR | ON | 2005/11/15 19:43 |
| S29 | 6910 | reactiv\$6 with ion with etch\$6 with dry  | US-PGPUB; USPAT | OR | ON | 2005/11/15 19:44 |
| S30 | 6434 | reactiv\$6 adj1 ion adj1 etch\$6 with dry  | US-PGPUB; USPAT | OR | ON | 2005/11/15 19:47 |
| S31 | 1148 | reactiv\$6 adj1 ion adj1 etch\$6 with dry and "2004"                                   | US-PGPUB; USPAT | OR | ON | 2005/11/15 19:44 |
| S32 | 696  | reactiv\$6 adj1 ion adj1 etch\$6 with dry and "2005"                                   | US-PGPUB; USPAT | OR | ON | 2005/11/15 19:44 |
| S33 | 1437 | reactiv\$6 adj1 ion adj1 etch\$6 with dry and chemical adj1 mechanical adj1 polish\$6  | US-PGPUB; USPAT | OR | ON | 2005/11/21 13:11 |
| S34 | 77   | reactiv\$6 adj1 ion adj1 etch\$6 with dry with chemical adj1 mechanical adj1 polish\$6 | US-PGPUB; USPAT | OR | ON | 2005/11/15 19:47 |

PALM INTRANET

Day : Monday  
 Date: 11/21/2005  
 Time: 13:39:20

**Inventor Name Search Result**

Your Search was:

Last Name = WANG

First Name = EVERETT

| Application#    | Patent#    | Status | Date Filed | Title   | Inventor Name    |
|-----------------|------------|--------|------------|---|------------------|
| <u>10608726</u> | Not Issued | 71     | 06/27/2003 | Measuring coupling characteristics of optical devices   | WANG, EVERETT    |
| <u>09814424</u> | 6818559    | 150    | 03/21/2001 | METHOD OF FABRICATION TO SHARPEN CORNERS OF Y-BRANCHES IN INTEGRATED OPTICAL COMPONENTS AND OTHER MICRO-DEVICES             | WANG, EVERETT X. |
| <u>09814425</u> | Not Issued | 71     | 03/21/2001 | Fabrication of optical waveguides for reduction of minimum waveguide spacing  | WANG, EVERETT X. |
| <u>10126309</u> | Not Issued | 61     | 04/19/2002 | Tunable add/drop multiplexer  | WANG, EVERETT X. |
| <u>10299612</u> | Not Issued | 94     | 11/18/2002 | COMPUTERIZED AUTOMATED DYNAMIC CONTROL SYSTEM FOR SINGLE-TRACK VEHICLES   | WANG, EVERETT X. |
| <u>10338435</u> | 6730988    | 150    | 01/08/2003 | METHOD OF FABRICATION TO SHARPEN CORNERS OF Y-BRANCHES IN INTEGRATED OPTICAL COMPONENTS AND OTHER MICRO-DEVICES             | WANG, EVERETT X. |
| <u>10696718</u> | 6864114    | 150    | 10/29/2003 | FABRICATION OF OPTICAL WAVEGUIDES FOR REDUCTION OF MINIMUM WAVEGUIDE SPACING  | WANG, EVERETT X. |
| <u>11019718</u> | Not Issued | 30     | 12/21/2004 | Extracting phase error in waveguides  | WANG, EVERETT X. |
| <u>11078267</u> | Not Issued | 30     | 03/11/2005 | Complementary metal oxide semiconductor integrated circuit using uniaxial compressive stress and biaxial compressive stress | WANG, EVERETT X. |
| <u>11105215</u> | Not Issued | 30     | 04/12/2005 | Methods of forming stress enhanced PMOS structures  | WANG, EVERETT X. |

Inventor Search Completed: No Records to Display.

|                                 |                                   |                                      |                                       |
|---------------------------------|-----------------------------------|--------------------------------------|---------------------------------------|
|                                 | <b>Last Name</b>                  | <b>First Name</b>                    |                                       |
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**PALM INTRANET**

Day : Monday  
Date: 11/21/2005  
Time: 13:39:28

**Inventor Name Search Result**

Your Search was:

Last Name = NIKONOV

First Name = DMITRI

| Application#             | Patent#                 | Status | Date Filed | Title   | Inventor Name      |
|--------------------------|-------------------------|--------|------------|---|--------------------|
| <a href="#">09435058</a> | <a href="#">6215577</a> | 150    | 10/25/1999 | METHOD AND APPARATUS FOR OPTICALLY MODULATING AN OPTICAL BEAM WITH A MULTI-PASS WAVE-GUIDED OPTICAL MODULATOR | NIKONOV, DMITRI    |
| <a href="#">09465222</a> | <a href="#">6351326</a> | 150    | 12/14/1999 | METHOD AND APPARATUS FOR OPTICALLY MODULATING LIGHT UTILIZING A RESONANT CAVITY STRUCTURE                     | NIKONOV, DMITRI    |
| <a href="#">10121384</a> | Not Issued              | 41     | 04/12/2002 | Suppressing back reflection between optical interfaces  | NIKONOV, DMITRI    |
| <a href="#">10963313</a> | Not Issued              | 41     | 10/11/2004 | Integratable polarization rotator   | NIKONOV, DMITRI    |
| <a href="#">09676293</a> | <a href="#">6449405</a> | 150    | 09/28/2000 | METHOD AND APPARATUS FOR SWITCHING A PLURALITY OF OPTICAL BEAMS IN AN OPTICAL SWITCH                          | NIKONOV, DMITRI E. |
| <a href="#">09676294</a> | <a href="#">6434289</a> | 150    | 09/28/2000 | METHOD AND APPARATUS FOR CONFINING AN OPTICAL BEAM IN AN OPTICAL SWITCH                                       | NIKONOV, DMITRI E. |
| <a href="#">09676297</a> | <a href="#">6421473</a> | 150    | 09/28/2000 | METHOD AND APPARATUS FOR SWITCHING AN OPTICAL BEAM IN AN INTEGRATED CIRCUIT DIE                               | NIKONOV, DMITRI E. |
| <a href="#">09732033</a> | <a href="#">6463193</a> | 150    | 12/06/2000 | METHOD AND APPARATUS FOR SWITCHING AN OPTICAL BEAM USING A PHASE ARRAY DISPOSED IN A HIGHER DOPED WELL REGION | NIKONOV, DMITRI E. |
| <a href="#">09811171</a> | <a href="#">6690036</a> | 150    | 03/16/2001 | METHOD AND APPARATUS FOR STEERING AN OPTICAL BEAM IN A SEMICONDUCTOR SUBSTRATE                                | NIKONOV, DMITRI E. |
| <a href="#">09814425</a> | Not                     | 71     | 03/21/2001 | Fabrication of optical waveguides for   | NIKONOV, DMITRI E. |

|                 |                |     |            |  |                    |
|-----------------|----------------|-----|------------|--|--------------------|
|                 | Issued         |     |            | reduction of minimum waveguide spacing   |                    |
| <u>09860346</u> | <u>6941042</u> | 150 | 05/18/2001 | HIGH-EFFICIENCY ARRAYED-WAVEGUIDE GRATING ROUTER BY WAVEFRONT FORMATION                                  | NIKONOV, DMITRI E. |
| <u>09982227</u> | Not Issued     | 93  | 10/17/2001 | INTEGRATED OPTICAL CIRCUIT HAVING AN INTEGRATED ARRAYED WAVEGUIDE GRATING (AWG) AND OPTICAL AMPLIFIER(S) | NIKONOV, DMITRI E. |
| <u>10017614</u> | <u>6721087</u> | 150 | 12/13/2001 | OPTICAL AMPLIFIER WITH DISTRIBUTED EVANESCENTLY-COUPLED PUMP   | NIKONOV, DMITRI E. |
| <u>10020144</u> | <u>6888668</u> | 150 | 12/13/2001 | OPTICAL AMPLIFIER WITH MULTIPLE WAVELENGTH PUMP  | NIKONOV, DMITRI E. |
| <u>10024912</u> | <u>6522812</u> | 150 | 12/19/2001 | METHOD OF PRECISION FABRICATION BY LIGHT EXPOSURE AND STRUCTURE OF TUNABLE WAVEGUIDE BRAGG GRATING       | NIKONOV, DMITRI E. |
| <u>10041038</u> | <u>6859587</u> | 150 | 12/28/2001 | METHOD AND APPARATUS FOR WAFER LEVEL TESTING OF INTEGRATED OPTICAL WAVEGUIDE CIRCUITS                    | NIKONOV, DMITRI E. |
| <u>10121346</u> | <u>6873763</u> | 150 | 04/12/2002 | MANAGING CHANNELS WITH DIFFERENT WAVELENGTHS IN OPTICAL NETWORKS   | NIKONOV, DMITRI E. |
| <u>10126309</u> | Not Issued     | 61  | 04/19/2002 | Tunable add/drop multiplexer   | NIKONOV, DMITRI E. |
| <u>10164932</u> | Not Issued     | 121 | 05/30/2002 | Reducing the temperature sensitivity of optical waveguide interference filters                           | NIKONOV, DMITRI E. |
| <u>10177872</u> | <u>6891653</u> | 150 | 06/19/2002 | METHOD AND APPARATUS FOR STEERING AN OPTICAL BEAM IN A SEMICONDUCTOR SUBSTRATE                           | NIKONOV, DMITRI E. |
| <u>10246967</u> | <u>6566679</u> | 150 | 09/18/2002 | INTEGRATED SEMICONDUCTOR SUPERLATTICE OPTICAL MODULATOR  | NIKONOV, DMITRI E. |
| <u>10246992</u> | <u>6621097</u> | 150 | 09/18/2002 | INTEGRATED SEMICONDUCTOR SUPERLATTICE OPTICAL MODULATOR  | NIKONOV, DMITRI E. |
| <u>10354408</u> | Not Issued     | 71  | 01/30/2003 | Amplified optical splitter   | NIKONOV, DMITRI E. |
|                 |                |     |            |  |                    |

|                 |            |     |            |   |                    |
|-----------------|------------|-----|------------|---|--------------------|
| <u>10376960</u> | Not Issued | 95  | 02/28/2003 | WAVELENGTH-TUNABLE AMPLIFIED OPTICAL SPLITTER   | NIKONOV, DMITRI E. |
| <u>10393570</u> | Not Issued | 71  | 03/21/2003 | Compensation for chromatic dispersion   | NIKONOV, DMITRI E. |
| <u>10696718</u> | 6864114    | 150 | 10/29/2003 | FABRICATION OF OPTICAL WAVEGUIDES FOR REDUCTION OF MINIMUM WAVEGUIDE SPACING          | NIKONOV, DMITRI E. |
| <u>10787553</u> | Not Issued | 71  | 02/24/2004 | Diffraction grating wave plate  | NIKONOV, DMITRI E. |
| <u>10956867</u> | Not Issued | 30  | 09/30/2004 | Spin polarization amplifying transistor   | NIKONOV, DMITRI E. |
| <u>10978115</u> | Not Issued | 30  | 10/29/2004 | Spin-orbital quantum cellular automata logic devices and systems                      | NIKONOV, DMITRI E. |
| <u>10981918</u> | Not Issued | 30  | 11/04/2004 | Surface-emitting laser with external cavity formed by a waveguide bragg grating       | NIKONOV, DMITRI E. |
| <u>10994021</u> | Not Issued | 41  | 11/19/2004 | Method and apparatus for wafer level testing of integrated optical waveguide circuits | NIKONOV, DMITRI E. |
| <u>11019718</u> | Not Issued | 30  | 12/21/2004 | Extracting phase error in waveguides  | NIKONOV, DMITRI E. |
| <u>11023711</u> | Not Issued | 30  | 12/28/2004 | Semi-integrated designs with in-waveguide mirrors for external cavity tunable lasers  | NIKONOV, DMITRI E. |
| <u>11026282</u> | Not Issued | 20  | 12/29/2004 | Non-blocking switch having carbon nanostructures and Mach-Zehnder interferometer      | NIKONOV, DMITRI E. |
| <u>11032812</u> | Not Issued | 30  | 01/11/2005 | Managing channels with different wavelengths in optical networks                      | NIKONOV, DMITRI E. |
| <u>11095264</u> | Not Issued | 30  | 03/30/2005 | Integratable Optical Isolator in a Mach-Zehnder Interferometer Configuration          | NIKONOV, DMITRI E. |
| <u>11096040</u> | Not Issued | 30  | 03/30/2005 | Integratable optical waveguide isolator   | NIKONOV, DMITRI E. |
| <u>11173777</u> | Not Issued | 20  | 06/30/2005 | Integrated monitoring and feedback designs for external cavity tunable lasers         | NIKONOV, DMITRI E. |
| <u>60574850</u> | Not Issued | 159 | 05/27/2004 | Surface-emitting laser with external cavity formed by a waveguide bragg grating       | NIKONOV, DMITRI E. |
| <u>09435057</u> | 6501092    | 150 | 10/25/1999 | INTEGRATED SEMICONDUCTOR SUPERLATTICE OPTICAL MODULATOR                               | NIKONOV, DMITRI E. |

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